# The Post Storm Survey

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**Post Storm** 

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# Post Storm Survey (PSS)



This survey was created by Matt Taraldsen, a meteorology student at Saint Cloud State University, under the guidance of Earth and Atmospheric Sciences professor Dr. Anthony Hansen, Communication Studies professor Suzanne Stangl-Erkens and meteorologists from the National Weather Service office in Duluth, Minnesota.

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WORKSHOPS

weather & society \* integrated studies







# Post Storm Survey (PSS)



### Motivation

"Need a process by which WFO [Weather Forecast Offices] can systematically gather local customer input and local research results ... and turn that information into improved products and services" Ray Wolf – Science and Operations Officer NWS WFO Davenport, IA

### Goal

Improve communication & effectiveness of winter weather information and threat by gaining insight into perceptions and decision making processes related to hazardous winter weather.



# The Post Storm Survey



- > Not a Critique of Forecast Accuracy
- > Rather, asks a few Specific Questions
  - How did you received the winter storm information
  - How did you perceived the threat of the storm
  - What steps did you take to prepare for the storm
  - How did your plans changed due to the storm



# Post Storm Survey Details



Post Storm Survey Homepage is Hosted on SCSU Web Server

http://studentweb.stcloudstate.edu/tama0502/poststormsurvey.html

- ➤ Test Season was Conducted Winter 2008
- Season 2 is ongoing through the Winter of 2009
- > Survey will Continue to be operational through at least 2010.



## How it works



- > After a Winter Event Ends
  - A link to the *brief* event specific survey is posted on the PSS homepage
  - Survey is open to take for 3 days immediately following a winter storm that requires a warning to be issued by the local NWS office.
  - Additional links to the survey will be posted on the PSS homepage in the case of multiple or overlapping winter storms
- > Survey results available online for anyone



## Post Storm Survey



### Multiple Online Locations to Access Survey

Partners in the Weather Community post a link to the PSS Homepage on their web pages to obtain wide broad of respondents after a winter event.















#### Weather Forecasting Offices:



- Grand Forks, ND
- Aberdeen, SD
- Duluth, MN
- Minneapolis, MN
- Des Moines, IA
- La Crosse, WI





# Post Storm Survey Details



## Recent News Stories and Publicity

Star Tribune Article
Duluth News Tribune
On-Air Story MN Public Radio





# **Post Storm Survey**



### Responses & Results

### View Preliminary Results From Season 2; 2008-2009

#### Please Refer to the below links for the Preliminary Post Storm Survey Results by Case

- > 2008 December 14<sup>th</sup>
- ➤ 2008 December 20<sup>th</sup>
- ➤ 2008 December 30<sup>th</sup>
- ➤ 2009 January 3<sup>rd</sup>
- ➤ 2009 January 12<sup>th</sup>

View Responses From Test Season (Winter 2008)

Visit the Northland Winter Storm Archive for event summaries



# How to get involved?



If you are interested in hosting a link to the Post Storm Survey on your website, please send an email to

## poststormsurvey@gmail.com

Questions on the demographic data of the survey respondents, or to request the survey responses in spreadsheet format can be directed to <u>Matt</u> or <u>Amanda</u>.





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# Thank You!



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